

ABSTRACT OF THE DISCLOSURE

A coin discriminating method includes steps of irradiating a surface of a coin with light, photoelectrically detecting light reflected by the surface of the coin, producing detected pattern data of the surface of the coin, binarizing corresponding reference pattern data so that "1" is assigned to pixel data having a signal intensity level equal to or higher than a predetermined signal intensity level and "0" is assigned to pixel data having a signal intensity level lower than the predetermined signal intensity level to produce reference bright portion pattern data consisting of "1" pixel data and reference dark portion pattern data consisting of "0" pixel data, extracting bright portion pattern data consisting of pixels corresponding to pixels included in the reference bright portion pattern data and dark portion pattern data consisting of pixels corresponding to pixels included in the reference dark portion pattern data from the detected pattern data, and discriminating whether or not the surface of the coin is damaged to higher than the predetermined level by comparing the difference between the bright portion data signal intensity average value and dark portion data signal intensity average value with a threshold value of coins of a corresponding denomination.